## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE    |
|---------------------------|----------|--------|---------|
| FEE DETERMINATION         | TON-     | 1000   | alm     |
| O.I.P.E. CLASSIFIER       |          | 10311  | 9-14-00 |
| FORMALITY REVIEW          |          |        |         |
| RESPONSE FORMALITY REVIEW |          | 64694  | 10-24   |
|                           | •        |        |         |

## INDEX OF CLAIMS

| ✓ Rejected                                     | N Non-elected |
|--|---------------|
| = Allowed                                      | Iinterference |
| <ul> <li>(Through numeral) Canceled</li> </ul> | A Appeal      |
| ÷ Restricted                                   | O Objected    |

|              |          |          |           |          |                | ÷        | • •      | ••••         | ••••   | ••••         | ••••• | •••• | •••••    | Res          | tric     | ted      |              |               |          | 0          | •••      | ····         | ••••     | ••••     | ••••• | •••••    | •••      |
|--------------|----------|----------|-----------|----------|----------------|----------|----------|--------------|--|--------------|-------|------|----------|--------------|----------|----------|--------------|---------------|----------|------------|----------|--------------|----------|----------|-------|----------|----------|
| a            | Birn     |          | _         | _        | _              | Dε       | te       |              |  | _            | _     | ]    | Q        | alm          | Γ        |          |              |               | Da       | te         |          | _            | _        |          | 1     | a        | lair.    |
|              | ē        | 100      | 30<br>Ans | 6        | 23             |          | П        |              | Γ  | Γ            | Γ     | 1    |          | 3            | Γ        |          | Γ            | Γ             | Ι.       | Γ          | Γ        |              | Γ        | Π        | 1     |          | Ī        |
| E            | Original | 200      | 201       | 05       | 05             | 1        |          |              |  | 1            | l     | l    | E        | Original     | l        | ŀ        | İ            | l             |          |            |          | l            | l        | l        |       | Fined    | 10       |
| E            |          | V        | V         | 7        |                | 1        | 1        |              | T  |              | T     | 1    | F        | 51           | T        | Т        | $\vdash$     | t             | H        | T          | T        | ┢            | ┢        | ╁        | 1     | ۲        | ti       |
| $\subseteq$  | 2        |          | 7         | Z        | E              | L        | Γ        |              |  | L            | L     | 1    |          | 52           |          |          |              | Γ             |          |            |          |              |          |          | 1     |          | 10       |
|              | 13       | 1        | ₹,        | 1_       |                | 1        |          |              | L  | L            | L     | ]    |          | 53           |          |          |              |               |          |            |          |              |          |          | ]     |          | 10       |
| =            | 4        |          | ¥         | ly,      | ⇇              | ╄        | ┡        | ╀            | ╀  | ╀            | ┞-    | 1    | <u> </u> | 54           | ļ_       | L        | L            | L             | L        | L          |          | L            | L        | L        | ]     |          | 10       |
| $\mathbb{H}$ | Ý        |          | V         | 7        | F              | ╀        | ╀        | ╀            | ╀  | ╀            | ╀     | 1    | -        | 55<br>56     | L        | ļ.,      | <del> </del> | ╀             | ┡        | ┡          | ┞        | ┞-           | L        | ١.       | -     | _        | 10       |
| E            | Ŀ        |          | 7         | _        |                | ŀ        | ⊢        | ╀            | ╀  | ╀            | ╀     | 1    | -        | 57           | ┝        | ⊢        | ┝            | ┝             | ┝        | ⊢          | ⊢        | ┞            | ⊢        | ╀        | ┨ .   | $\vdash$ | 10       |
|              | Ð        | k        | ż         | 7        | =              | +        | H        | ╁            | ╁  | ╁            | ╁     | ł    | -        | 58           | ┝        | ┝        | ┢            | ┝             | ┝        | -          | ┝        | ┞            | Ͱ        | ╁        | ┨     | -        | 10       |
| F            | +        | _        |           | _        | +              | ‡        | T        | T            | T  | t            | t     | 1    |          | 59           |          |          | 1-           | ┪             | ┢        | ┪          | H        | H            | t        | ╁        | 1     | $\vdash$ | li       |
| 尸            | B        | 5        | 7         | V        | 1              | 1        | Τ        | Τ            | T  | ٢            | T     | 1    |          | 60           | Г        | Г        | ┢            | 1             | T        | 1          | ┢        | Т            | ✝        | ✝        | 1     | $\vdash$ | 11       |
|              | Œ        | V        | ٧         | Ž        | Ε              | L        | Г        | Γ            | L  | oxdot        | Γ     | ]    |          | 61           |          |          |              | Г             |          |            |          |              | Ī        |          | 1     |          | ħ        |
|              | Е.       | 1        | LV.       | T.       | ╁              | t.       | L        | 1            | L  | L            | L     | ]    |          | 62           |          |          |              |               |          |            |          |              | L        |          | )     |          | 11       |
| =            | 9        | ⇇        | Υ,        |          | =              | 1        | ļ        | Ļ            | ╀  | ┞            | ╀     | Į    | _        | 63           | L        | <u> </u> | L            | L             | L        | L          | <u> </u> | L            | L        | L        | 1     | $\perp$  | 1        |
| F            | 15       | E        | 7         | 4        | 4              | ╄-       | ╀        | ╄            | Į_   | ╀            | ┡     | -    | $\vdash$ | 64           | L        | L        | <u> </u>     | ╀             | L        | ┞          | ┞        | ┞            | ┞        | ┞        | ł     | $\vdash$ | 11       |
| E            | 116      | E        | V         | Б        | E              | 1        | ╀        | ╁            | ┞  | ╀╌           | ┞     | -    | $\vdash$ | 65<br>66     | H        | ⊢        | ├            | ╀             | ⊢        | ╄-         | ├-       | ┞            | ╀        | ╀        | 1     | $\vdash$ | 11       |
|              | 17       | Ε        | Ú         | Ź        |                | }        | ╁        | ╁            | ╁  | ┞            | ╁     | 1    | -        | 67           | ⊢        | ⊢        | ⊢            | ┝             | ╁╴       | ⊢          | ┝        | ┝            | -        | ╁        | 1     | $\vdash$ | 11       |
|              | 10       | =        | Į         | -        | $\blacksquare$ | ╊        | +        | t            | 1  | ┢            | ┢     | 1    | $\vdash$ | 68           | ┝        | ┝        | ┢            | H             | -        | ╁          | ╁╴       | ┝            | ╁╴       | ╁        | 1     | $\vdash$ | 1        |
| =            | 19       | F        | V         | v        | +-             | 1        | 1        | ╁            | 1  | T            | T     | 1    | $\vdash$ | 69           | _        | Г        | 1            | ┢             | 1        | ✝          | 1        | ┢            | ┢        | ┪        | 1     | ┢        | ĥ        |
| _            | 20       | F        | V         | Z        | Ί              | Ţ        | T        | T            | Г  | Τ            | T     | 1    |          | 70           | Г        | ┌        | Г            | 1             | Τ        | Τ          | T        | Т            |          | T        | 1     | $\vdash$ | 12       |
|              | 21       |          |           | 1        | V              |          |          | Τ            | Г  | Г            | Τ     | 1    |          | 71           |          |          | Г            | ✝             | ✝        | ✝          | Τ        | Г            | ┢        | T        | 1     |          | 11       |
|              | 22       | L        |           |          | 7              | L        | L        | L            | L  | Г            | L     |      |          | 72           |          |          |              |               | E        |            |          |              | Γ        |          | 1     |          | há       |
| <u>_</u>     | 23       | L        | L         | L        | V              | L        | L        | L            | L  |              | L     |      | $\perp$  | 73           | L        | L        |              | L             |          | L          |          |              |          | Ŀ        | 1     |          | 112      |
| $\vdash$     | 24       | L        | Ŀ         | ┡        | 7              | L        | ┡        | L            | ┡  | L            | L     | 1    | $\vdash$ | 74           | L        | L        | L            | <u> </u>      | L        | L          | L        | L            | L        | L        | 1     | L        | 17       |
| $\vdash$     | 25<br>26 | ┝        | ┝         | ⊢        | 7              | -        | ┝        | ├-           | -  | ╀            | ┞     | ł    | $\vdash$ | 75<br>76     | L        | <u> </u> | <u> </u>     | -             | L        | ┡          |          | L            | ┡        | ∤-       | ł     | ╌        | 12 22 12 |
| $\vdash$     | 27       | ┝        | ⊢         | H        | 7              | ╁╌       | ┝        | ╀            | ⊢  | ┝            | ⊢     | ľ    | -        | <del>"</del> | -        | ⊢        | ┝            | ├-            | -        | ┝          | -        | H            | ⊢        | ┝        | -     | $\vdash$ | 12       |
| -            | 28       | ┝        | ┝         | ┢        | 7              | ┝        | ┝        | ┝            | ╁  | ┢            | ╁╴    | ł    | -        | 78           | ┝        | ┝        | ┝            | ┢╌            | ┢        | ⊢          | ⊢        | $\vdash$     | ┝        | ┢        | 1     | $\vdash$ | 12       |
|              | 29       | -        | H         | 一        | V              | 1        | ╫        | ┢            | ┢  | ✝            | ┢     | 1    | $\vdash$ | 79           | H        | <u> </u> | ┢            | ┢             | H        | H          | H        | H            | ┢        | ╁╌       | 1     | $\vdash$ |          |
|              | 30       |          | Г         | Г        | 7              |          | Τ        | T            | T  | 1            |       | 1    |          | 80           | Т        | Г        | ┢            | ┢             | ⇈        |            | ✝        | Н            | t        | t        | 1     | $\vdash$ | 12       |
|              | 31       |          |           |          | V              |          |          |              |  |              |       | 1    |          | 81           |          |          |              |               |          |            |          |              |          |          | 1     | $\vdash$ | 1:       |
|              | 32       |          |           |          | y              | L        |          | L            |  |              |       |      |          | 82           |          |          |              |               |          |            |          |              |          |          | ]     |          | 13       |
| <u> </u>     | 33       | L        | -1        | L        | Ų              | L        | L        | L            | L  | L            | L     | Į    | $\vdash$ | 83           | _        | L.       | L            | L             | L        | L          | L        |              | L        |          | ]     | L        | 13       |
| $\vdash$     | 35       | Н        | $\vdash$  | ⊢        | V              | -        | ⊢        | ⊢            | -  | ⊢            | ⊢     | 1    | $\vdash$ | 84<br>85     |          | -        | -            | -             | $\vdash$ | <b> </b> - | $\vdash$ | H            | ⊢        | ┡        | ┨     | $\vdash$ | 1        |
| $\vdash$     | 35<br>36 | Н        | $\vdash$  | $\vdash$ | 7              | $\vdash$ | $\vdash$ | ┝            | $\vdash$   | ⊢            | ⊢     | 1    | $\vdash$ | 86           | Н        | -        | Н            | $\vdash$      | -        | -          | $\vdash$ | $\vdash$     | ⊢        | -        | 1     | -        | 13       |
| $\vdash$     | 37       | Н        | H         | $\vdash$ | V              | -        | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | ⊢     | 1    | $\vdash$ | 87           | -        | Н        | $\vdash$     | -             | -        | -          | -        | ⊢            | ├        | 1        | 1     | -        | 13       |
| Γ'           | 38       | ۳        | ┪         | Н        | V              | H        | $\vdash$ | H            | <del>                                     </del> | <del> </del> | ┢     | 1    |          | 88           | Н        |          | Н            | <del> -</del> | -        | -          | -        | <del> </del> | ┢        | ┢        | 1     | -        | )3       |
|              | 39       |          |           |          |                |          |          | Г            |  |              | Г     | 1    |          | 89           |          |          | Г            | Г             | <u> </u> | T          | Г        | Г            | Г        | Т        | 1     |          | þЗ       |
|              | 2        |          |           |          |                |          | Γ        |              |  | Г            |       |      |          | 80           |          |          |              |               |          |            | Г        | Г            |          | Г        | 1     | Г        | 14       |
|              | 41       |          |           | Ĺ        |                |          |          |              |  |              | Γ     |      |          | 91           |          |          |              |               |          |            |          |              |          | Г        | 1     |          | 14       |
|              | 42       |          |           |          |                |          |          |              |  |              |       |      |          | 92           |          |          |              |               |          |            |          |              |          |          |       |          | 14       |
| Н            | 43       | Ц        | Ц         | Ц        | L              | _        | _        | L            | Ľ  | L            | L     |      | L        | 83           |          | Ц        |              |               |          | Ĺ          |          |              | 匚        | 匚        | 1     |          | 14       |
| Н            | 44       | Н        | Н         | <u> </u> | H              | <u> </u> | $\vdash$ | $\vdash$     | _  | $\vdash$     | _     |      | $\vdash$ | 94           | Ц        | Ц        | Щ            | ldash         | <u> </u> | <u> </u>   | Щ        | Щ            | L        | L        | 1     | L        | 14       |
| Н            | 45<br>46 | Н        | Н         | Н        | -              | -        | ⊢        | -            | -  | -            | -     | l    | $\vdash$ | 95<br>98     |          | Н        | Щ            | <del> </del>  | $\vdash$ | ⊢          | Н        | Н            | $\vdash$ | -        | ł     | H        | 14       |
| Н            | 47       | $\dashv$ | Н         | Н        | ⊢              | -        | $\vdash$ | -            | H  | ┝            | -     | 1    | $\vdash$ | 97           | Н        | Н        | Н            | Н             | Н        | $\vdash$   | Н        | Н            | $\vdash$ | -        | 1     | $\vdash$ | 14       |
| Н            | 48       | -        | Н         | -        | Ι-             | Ι-       | $\vdash$ | <del> </del> | $\vdash$   | $\vdash$     | ļ -   |      | $\vdash$ | 98           | Н        | $\dashv$ | $\dashv$     | H             | Н        | -          | _        | Н            | Н        | $\vdash$ |       | $\vdash$ | 14       |
| П            | 49       |          |           | П        | П              | Г        | T        |              | М  | Т            | T     |      | $\vdash$ | 99           | $\dashv$ | ٦        | $\dashv$     | Н             | Н        | -          | _        | H            |          | -        | 1     | <u> </u> | 14       |
|              | 50       |          |           |          |                |          |          | Ŧ            |  |              | Г     |      | -        | 100          | _        | П        |              | П             | П        | Г          |          | -            | Т        | Г        | 1     | $\vdash$ | 15       |

| B   | Date |  |  |  |  |  |  |  |  |  |  |  |  |
|---|------|--|--|--|--|--|--|--|--|--|--|--|--|
| 101   102   103   104   105   105   106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   137   138   139   140   140   142 |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 103   104   105   106   107   108   109   109   110   111   112   113   114   115   116   117   118   119   122   123   124   125   128   129   130   131   132   133   134   135   136   137   138   139   140   140   142 |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 104   105   106   107   108   109   110   111   112   113   114   115   116   117   118   119   122   123   124   125   128   129   130   131   132   133   134   135   136   137   137   138   139   140   140   142 | Т    |  |  |  |  |  |  |  |  |  |  |  |  |
| 106   108   109   109   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   128   129   130   131   132   133   136   137   138   138   137   139   140   140   142 | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 106   107   108   109   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   137   138   137   138   137   138   137   138   139   140   140   142   142   142   142   142   144 | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 123 124 125 128 129 130 131 134 135 136 137 538 139 140 141   | Т    |  |  |  |  |  |  |  |  |  |  |  |  |
| 106   109   110   111   112   113   114   115   116   117   118   119   120   121   123   124   125   126   129   120   131   132   133   134   135   136   137   138   139   140   140   142 |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 108   110   111   112   113   114   115   116   117   118   118   120   121   122   123   124   125   126   127   128   128   128   129   130   131   132   133   134   135   136   137   138   139   140   140   142 |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 110   |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 111   112   113   114   115   116   117   118   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   140   142 |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 112<br>113<br>114<br>115<br>116<br>117<br>118<br>120<br>121<br>122<br>123<br>124<br>125<br>128<br>129<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>138<br>139<br>140<br>141<br>142  |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 113   114   115   116   117   118   119   120   121   122   123   124   125   128   129   130   131   132   133   134   135   136   137   138   139   140   140   142 |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 114   115   116   117   118   119   120   121   122   123   124   125   128   129   130   131   132   133   134   135   136   137   538   139   140   140   142 | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 115 116 117 118 119 120 121 122 123 124 125 128 129 130 131 132 133 134 135 136 137 538 139 140   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 116   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>38<br>139<br>140<br>140  | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 118   119   120   121   122   123   124   125   125   126   127   128   129   130   131   132   133   134   135   136   137   138   137   138   137   138   139   140   140   142 | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 119 120 121 122 123 124 125 125 126 127 127 128 129 130 131 132 133 134 135 136 137 137 138 139 140 144 144 144 144 144 144 144 144 144   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 120   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 121   | -    |  |  |  |  |  |  |  |  |  |  |  |  |
| 122 123 124 125 125 126 127 127 128 129 130 131 132 133 134 135 138 137 137 137 137 137 137 137 137 137 137   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 123 124 125 125 126 127 128 129 130 131 132 133 134 135 136 137 137 139 140 140 142 142   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 124   |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 128 127 128 129 130 131 132 133 134 135 138 137 138 139 140 140 142 142   |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 128 127 128 129 130 131 132 133 134 135 138 137 138 139 140 140 142 142   | -    |  |  |  |  |  |  |  |  |  |  |  |  |
| 127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141   | -    |  |  |  |  |  |  |  |  |  |  |  |  |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 129 130 131 132 133 134 135 136 137 138 139 140 141   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 130   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 131<br>132<br>133<br>134<br>135<br>136<br>137<br>137<br>138<br>139<br>140   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 132<br>133<br>134<br>135<br>136<br>137<br>137<br>139<br>140   |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 133<br>134<br>135<br>136<br>137<br>137<br>139<br>140  | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 134<br>135<br>138<br>137<br>538<br>139<br>140   |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 135<br>136<br>137<br>538<br>139<br>140<br>141   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 137<br>538<br>139<br>140<br>140<br>142  |      |  |  |  |  |  |  |  |  |  |  |  |  |
| ) 38<br>) 139<br>) 40<br>  141  |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 140 · · · · · · · · · · · · · · · · · · ·   |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 140   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 141   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 142   |      |  |  |  |  |  |  |  |  |  |  |  |  |
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| {  r44  |      |  |  |  |  |  |  |  |  |  |  |  |  |
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| 144   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 145   |      |  |  |  |  |  |  |  |  |  |  |  |  |
| 146   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 147   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 148   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| 150   | _    |  |  |  |  |  |  |  |  |  |  |  |  |
| ——————————————————————————————————————  | _    |  |  |  |  |  |  |  |  |  |  |  |  |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)

